NIST Technicalendar

UNITED STATES DEPARTMENT OF COMMERCE

Technology Administration
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-0001

The *NIST Technicalendar*, issued each Friday, covers scheduled events which are of interest primarily to the NIST staff. All boxed items/notices for inclusion should be in WordPerfect 5.1, 6.1, or ASCII format and MUST be received by 12:00 NOON each Wednesday unless otherwise stated in the *NIST Technicalendar*. Items for inclusion and requests for copies of this calendar should be sent to Ms. Sharon Mingo, Editor, Building 820, Room 125, National Institute of Standards and Technology, Gaithersburg, MD 20899-0001, (Telephone: 301/975-3570; FAX: 301/926-4431; or E-mail: mingo@micf.nist.gov).

All lectures and meetings are open unless otherwise stated.

NIST Weekly Calendars and Bulletins Online

The address for online weekly editions (most recent three months) of the *NIST Technicalendar and NIST Administrative Calendar* is

http://ts.nist.gov/nvl/htdocs/calendars/calendars.html

Calendar files are in pdf format. If you don't already have the free Adobe Acrobat Reader, first download it from

http://www.adobe.com/Acrobat/readstep.html

The *Boulder Laboratories Weekly Bulletin* (current and previous week), in html format, is available online at

http://www.boulder.nist.gov:1580/bulletin/

MAY 6 TO MAY 10, 1996
MEETINGS AT NIST

- The Office of Information Services (OIS) announces the availability of MathSciNet on the NIST Virtual Library (NVL): http://ts.nist.gov/nvl. MathSciNet is based on the data in Mathematical Reviews and Current Mathematical Publications, leading publications that catalog and review research literature in mathematics, all produced by the American Mathematical Society. From the NVL home page, click on "Databases" to access this useful online resource for NIST staff. No passwords or site IDs are required.

- OIS announces the availability of 22 Institute of Physics Journals online for NIST users on the NIST Virtual Library (NVL) at http://ts.nist.gov/nvl. From the NVL home page, click on "Electronic Journals" for information.

- OIS announces the availability of STAT-USA on the NIST Virtual Library (NVL) at http://ts.nist.gov/nvl. STAT-USA is the Department of Commerce source for Daily Economic News, frequently requested statistical releases, information by subject, STAT-USA Databases and selected publications of interest. From the NVL home page, click on "Databases" to link to the instructions for accessing this resource for NIST users.

- OIS announces that the "Engineering Village" is now available on the NIST Virtual Library (NVL) at http://ts.nist.gov/nvl for NIST staff and researchers. The Ei Village is a service for the student, professional engineer, or technology manager. Ei Village collects, evaluates, describes, and organizes relevant sites and provides a forum for discussions of professional interest. To access and log on to the service, from the NVL home page click on "Databases" and follow the instructions for id and password.

NIST 95-96 Colloquium Series

THE FUTURE OF TELEVISION
John McCoskey, Senior Vice President of Technology
Discovery Communications, Inc.
FRIDAY, May 10, 1996, 10:30 a.m. - 11:30 a.m., Green Auditorium,
Administration Building

Possible directions for the future of television will be presented in view of its evolution from consumer introduction in the 1940's, to wired/cable distribution in the 1960's, to satellite delivery of programming on demand in the 1970's. Today we are at the advent of the next generation of television, namely the "advanced services" or "niche" stage. This evolutionary stage is in anticipation of full market, wide-scale deployment of digital compression and transmission that will afford consumers full VCR functionality using their TVs, broad-based interactive television, and the possible (probable?) convergence of TVs and personal computers. Questions about the role of the communications industry in providing quality programming will also be considered.

Anyone requiring special assistance should contact Lillian Ware on 975-4203. Colloquia are videotaped and available in the Research Information Center.

5/6—MONDAY 1:30 p.m. BUILDING MATERIALS DIVISION SEMINAR: Lattice Gas and Lattice Boltzmann Methods, S. Chen, IBM. Rm. B221, Building Research Bldg. (NIST contact: N. Martys, 975-5915.)

5/7—TUESDAY 1:30 p.m. PHYSICAL AND CHEMICAL PROPERTIES DIVISION SEMINAR: New Approaches for the Simulation of Condensed Phase Quantum Dynamics. G.A. Voth, Dept. of Chemistry, Univ. of Pennsylvania, Philadelphia, PA. Rm. B165, Physics Bldg. (NIST contact: R.D. Mountain, 975-2484.)

5/9—THURSDAY 10:45 a.m. MID-ATLANTIC MICROBEAM ANALYSIS SOCIETY/SURFACE AND MICROANALYSIS SCIENCE DIVISION SEMINAR: Standards for the SEM Laboratory, Preparation for ISO-9000. J. Geller, Geller Microanalytical Lab., Topsfield, MA. Lecture Rm. D, Admin. Bldg. (NIST contact: R. Marinenko, 975-3901.)

5/9—THURSDAY 2:00 p.m. CERAMICS DIVISION SEMINAR: Nanoporous Ceramics: Materials for the New Millenium. M.A. Anderson, Water Chemistry Program, Univ. of Wisconsin, Madison, WI. Rm. B307, Materials Bldg. (NIST contact: V. Hackley, 975-5790.)

MEP Video Conference Series:

ENGINEERING INFORMATION TECHNOLOGIES: MAXIMIZING YOUR DESIGN SYSTEM FOR QS-9000
Produced by: Southeast Manufacturing Technology Center (SMTC)
May 8, 1996; 9:00 a.m. - 12:00 noon; Bldg. 301, Room C145

This video conference presentation is part of a series of MEP sponsored seminars, provided by the National Technological University (NTU), entitled "Modern Manufacturing: the National Videoconference Series for Successful Small Firms." This seminar will show manufacturers how to meet the most difficult element in the QS-9000 Automotive Quality Standards, compliance in design control. The following technologies and their application will be discussed: geometric modeling, finite element analysis, computational fluid dynamics, failure modes and effects analysis, design for manufacturability and assembly, simulation techniques, and animation methods.

For information contact Wendy Kirby, Video Conference Series Coordinator, 975-4674.

Advance Notice
Lecture Series on High Integrity Systems

WHAT IT REALLY, REALLY MEANS TO MANAGE BY PROCESSES AND HOW TO DO IT
William F. Perry, Quality Assurance Institute

May 13, 1996, 2:00 p.m., Green Auditorium, Administration Building

Presenting a strategic and tactical approach to managing an entire information activity by processes, including:
-Management processes   -Technical processes   -Work processes
-Deliverable processes -Test processes   -People processes
QUESTIONS? Call: Dolores Wallace, 975-3340 or Laura Ippolito, 975-5248.
THE LECTURE SERIES IS OPEN TO THE PUBLIC, FREE OF CHARGE, WITH NO REGISTRATION.
Special assistance (e.g., for the hearing impaired) can be provided with two weeks notice.

Advance Notice
Chemical Science and Technology Laboratory Colloquium

SOURCES OF ATMOSPHERIC METHANE AND WHAT ISOTOPES TELL US
Professor R. Cicerone
School of Physical Sciences, University of California at Irvine

Tuesday, May 14, 1996, 10:30 a.m.
Lecture Room A, Administration Building

Methane is important in atmospheric photochemistry and its increasing concentrations worldwide are contributing to the enhanced planetary greenhouse effect. Major sources of atmospheric methane such as cows, rice paddies, and wetlands have been identified but the quantification of methane sources is not yet accurate enough to explain the changes observed in the atmosphere. The stable isotopic content of methane along with radiocarbon amounts, carry information that is only beginning to be exploited—atmospheric measurements of methane's isotopomers, laboratory studies of kinetic isotope effects and atmospheric models can tap into this information.

Advance Notice
WORKSHOP ON ADVANCED METHODS AND MODELS FOR APPEARANCE OF COATINGS AND COATED OBJECTS

Monday, May 20,1996; 9:00 a.m. - 3:30 p.m.
Green Auditorium, Administration Bldg.

Technological advances have enabled the nation's paint and coatings industry to add colors of virtually every shade and hundreds of billions of dollars of value to products from automobiles to bulk plastics. Industry's ability to measure and predict coating appearance is an important emerging issue. The objectives of this workshop will be to assess the need for new appearance measurement methods in industry and to introduce NIST's proposed research on advanced scattering and rendering models and photometric measurements.

NIST Contacts: Mary McKnight (BFRL) 975-6707, Ted Vorburger (MEL) 975-3493, Ambler Thompson (PL) 975-2333, Fern Hunt (ITL) 975-3887.

Advance Notice
VISIT BY THE NATIONAL RESEARCH COUNCIL
POSTDOCTORAL RESEARCH ASSOCIATESHIP PROGRAM STAFF

Thursday, May 23, 1996
Lecture Room A, Administration Building

9:00 AM - 10:00 AM   Meeting for Postdoctoral Research
Associates

10:00 AM - 11:00 AM   Meeting for Postdoctoral Research
Advisors

Dr. Arnold Schwartz, Director, Associateship Programs, Dr. Paul Zielinski, Program Administrator, Ms. Jane Dell'Amore, Assistant to the Directors, and Ms. Eva Labre, Program Coordinator will be making their annual visit to meet with NIST advisors, staff, and NRC Postdocs. This will provide an opportunity for discussion of any questions or issues concerning the postdoctoral program.
For further information contact Jack Hsia, 975-3067.

Advance Notice
Computing and Applied Mathematics Laboratory/Statistical Engineering
Division
Course Announcement

CASE STUDIES IN UNCERTAINTY ANALYSIS
Keith Eberhardt

This two-day course, the fourth in a unified program of short courses in applied statistics primarily for the NIST community, will consist of detailed discussions of several example uncertainty analyses. The course will be held in Lecture Room E on Tuesday, May 28, from 9 a.m. - 12 noon and on Monday, June 3, from 9 a.m. - 12 noon.

For more information contact K. Eberhardt, 975-2853, keith.eberhardt@nist.gov. For information on later courses in this series, contact M. Vangel, 975-3208, mark.vangel@nist.gov, or see the event calendar under the Statistical Engineering Div. home page at URL http://www.cam.nist.gov/caml/sed/. Registration is $50, and Form DN-11 should be submitted to Pat O'Connor, Training Office, Admin., A123, by COB May 21.

MEETINGS ELSEWHERE

5/6—MONDAY 10:00 a.m. NAVAL RESEARCH LAB. NAVY CENTER FOR APPLIED RESEARCH IN ARTIFICIAL INTELLIGENCE (NCARAI) SEMINAR: Towards a Semantics for Agent Communication Languages, P. Cohen, Dept. of Computer Science and Engineering, Oregon Graduate Institute of Science and Technology, Portland, OR. NCARAI Conf. Rm., Bldg. 256, Bolling AFB, Washington, DC. (For further information call 202/404-7036.)

5/6—MONDAY 11:00 a.m. CARNEGIE INSTITUTION OF WASHINGTON GEOPHYSICAL LAB. (GL) SEMINAR: Some Reasons to Be Interested in Carbides, R. Hoffman, Chemistry Dept., Cornell Univ., Ithaca, NY. Seminar Rm., Main Bldg., GL-DTM Grounds, Carnegie Institution of Washington, Washington, DC. (For further information call 202/686-2410.)

5/7—TUESDAY 11:00 a.m. UNIV. OF MARYLAND BIOCHEMISTRY SEMINAR: Neutron Scattering Analysis of Biological Systems, S. Krueger, NIST, Gaithersburg, MD. Rm. 1325, Chemistry Bldg., Univ. of Maryland, College Park, MD.

5/6—TUESDAY 1:15 p.m. UNIV. OF MARYLAND STATISTICAL PHYSICS SEMINAR: Fractals in Fluids, E. Ott, Dept. of Electrical Engineering/Physics, Univ. of Maryland. Rm. 1116, IPST Bldg., Univ. of Maryland, College Park, MD. (For further information call T.R. Kirkpatrick, 301/405-4801 or M.E. Fisher, 301/405-4820.

5/7—TUESDAY 4:00 p.m. UNIV. OF MARYLAND ORGANIC CHEMISTRY SEMINAR: Student Literature Seminar, M. Wahi, Univ. of Maryland. Rm. 1325, Chemistry Bldg., Univ. of Maryland, College Park, MD.

5/7—TUESDAY 4:15 p.m. UNIV. OF MARYLAND INFORMAL STATISTICAL PHYSICS AND SURFACE SCIENCE SEMINAR: Preroughening Phenomena on the Silicon (100) Surface, M. den Nijs, Univ. of Washington, Seattle, WA. Rm. 1116, IPST Bldg., Univ. of Maryland, College Park, MD. (For further information call T.R. Kirkpatrick, 301/405-4801 or M.E. Fisher, 301/405-4820.

5/7—TUESDAY 6:00 p.m. IEEE LASERS AND ELECTROOPTICS SOCIETY MONTHLY CHAPTER MEETING: Pulsed Squeezing in Optical Fibers, K. Bergman, Princeton Univ., NJ. Rm. 2460, A.V. Williams Bldg., Univ. of Maryland, College Park, MD. Dinner following talk. (For further information call H. Heaton, 301/953-5025.)

5/8—WEDNESDAY 2:00 p.m. UNIV. OF MARYLAND INORGANIC SEMINAR: TBA, E.A. Quadrelli, Univ. of Maryland. Rm. 1325, Chemistry Bldg., Univ. of Maryland, College Park, MD.

5/8—WEDNESDAY 4:00 p.m. UNIV. OF MARYLAND CHEMICAL PHYSICS/PHYSICAL CHEMISTRY/LAMOSE SEMINAR: Protein Reaction Kinetics in Glasses, S. Hagen, Lab. for Chemical Physics, NIH, Bethesda, MD. Rm. 1116, IPST Bldg., Univ. of Maryland, College Park, MD. (For further information call H. Milchberg, 301/405-4816.)

5/8—WEDNESDAY 4:15 p.m. GEORGETOWN UNIV. (GU) CHEMISTRY DEPT. SEMINAR: Positive Cooperation Effects, D. Abdallah, Dept. of Chemistry, Gerogetown Univ., Washington, DC. Reiss 262, GU, Washington, DC. (For further information call Prof. Weiss, 202/687-6013.)

5/9—THURSDAY 12:00 noon IEEE ENGINEERING IN MEDICINE AND BIOLOGY SOCIETY SEMINAR: Protein-Based Optical Computers A Tutorial, S. Ditman, Naval Surface Warfare Lab. FDA Center for Devices and Radiologiical Health, Rockville, MD. (For further information call R.F. Munzner, 301/443-8525 or C. Carey, 301/443-8609.)

Advance Notice
THE NORTH AMERICAN ISDN USERS' FORUM (NIUF)
June 3-6, 1996
Los Angeles Airport Hilton and Towers, CA

The NIUF will be held jointly with the California ISDN Users' Group (CIUG). The meetings conducted will include joint sessions of the ISDN Users' Workshop (IUW) and the ISDN Implementors' Workshop (IIW) which will allow users and suppliers of ISDN Technology to advance the development of interoperable ISDN broadband and narrowband products and services. A few of the meeting topics include: ISDN Wiring and Powering, ISDN Ordering Codes, SPIDs, BRI Trunking, Universal Ordering Form, Versions, and Mass Markets. Tutorials will be presented on topics such as, Basic and Primary Rate ISDN, PPP Multilink Protocols, Video/Data Collaboration with T.120, Latest PPP Developments. There will also be vendor exhibits Wednesday and Thursday. For further information, contact Sara Caswell, 301/975-2937 (niuf@nist.gov) or see the NIUF Home Page at URL http://www.niuf.nist.gov/misc/niuf.html.

TALKS BY NIST PERSONNEL

AMIS, E.J.: "Associations of Model Polymers With Strong Specific Interactions," Frontiers in Rubber Science Colloquium, American Chemical Society, Queen Elizabeth Hotel Conf. Center, Montreal, Canada, 5/6/96.

BARNES, J.D.: "Small-Angle X-Ray Scattering Study of Morphology in Syndiotactic Polystyrene," SPE Annual Meeting, Indianapolis, IN, 5/6/96.

BUR, A.J.: "Volume Viscoelastic Relaxation in a Glass Forming Polymer During Injection Molding," SPE Annual Meeting, Indianapolis, IN, 5/8/96.

COLUCCI, D.M.: "Comparison of the Predictive Capabilities of Several Nonlinear Viscoelastic Constitutive Models," Wright-Patterson AFB, Dayton, OH,5/3/96.

DUNKERS, J.P.: "Polymerization of Benzoxazine Based Phenolic Resins With Strong and Weak Carboxylic Acids and Phenols as Catalysts," SPE Annual Meeting, Indianapolis, IN, 5/9/96.

GADZUK, J.W.: "Neutron Femtochemistry, an Idea Ahead of Its Time?" Speculations in Surface Science Symposium, Liverpool, England, 5/3/96.

HUNSTON, D.L.: "NIST Intramural Research and Development in Polymer Matrix Composites," Advanced Technology Program: Public Meeting on Manufacturing Composite Sructures, Ann Arbor, MI, 4/16/96.

JACKSON, C.L.: "Morphology and Phase Separation Kinetics of a Compatibilized Blend," SPE Annual Meeting, Indianapolis, IN, 5/6/96.

MCKENNA, G.B.: "The Effect of Physical Aging on the Craze Response of a Polystyrene and a Styrene Acrylonitrile Copolymer," "Large Deformation Response of Polycarbonate: Time-Temperature and Time-Aging Time Superposition," and "The Physical Aging Response of Syndiotactic Polystyrene," SPE Annual Meeting, Indianapolis, IN, 5/6 and 5/7/96.

PARRIS, R.: "Chromatography—What Is It? How Does It Work?" Rockville Science Day, Rockville, MD, 4/28/96.

POIRIER, G.E.: "Structures and Dynamics of Organic Amphiphiles Self-Assembling at Single-Crystal Metal Surfaces Characterized by High-Impedance, Ultra-High-Vacuum, Scanning Tunneling Microscopy," Institute of Surface and Interface Science, Univ. of California, Irvine, CA, 5/7/96.

1996 WORLD STANDARDS DAY PAPER COMPETITION

This year, the U.S. standards community will celebrate World Standards Day on October 16. To highlight the importance of standards to industry and government, the sponsors of World Standards Day, including NIST, are again holding a paper competition. The theme for the 1996 World Standards Day paper contest will be "U.S. National vs International Standards."

PRIZE: The author(s) of the winning submission will receive $2500 and a commemorative plaque. The winning paper will be published by ANSI, the Standards Engineering Society and others.

ELIGIBILITY: The competition is open to individuals in private sector or government facilities located in the United States. The paper may be co-authored.

RULES: The paper must be original and not previously published. NIST papers should be processed through WERB or BERB in the usual way. Papers must be between 2500 and 4500 words and should not exceed 20 pages. Entries must be received by September 1, 1996. Contest rules and application forms may be obtained from: Underwriters Laboratories, Inc., Attn: Carolyn Anderson, WORLD STANDARDS DAY PAPER COMPETITION, 12 Laboratory Drive, Research Triangle Park, NC 27709; Phone: (919) 549-1877; Fax: (919) 547-6018.

NIST Administrative Calendar

May 6 - May 10, 1996

ADMINISTRATIVE ITEMS - New

Telephone Outage at NIST North, Bldg. 820
On May 7, from 7:30 p.m. until midnight, telephone service in NIST North will be shut down. This is to allow replacement of a defective fuse panel in the telephone power system at NIST North. Only RolmPhones at NIST North will be affeected. If you have any questions, please contact Larry Loveland on extension 3320.

Shops Rate Increased
The Fabrication Technology Division (better know as Shops) has increased its rate from $40 to $45 an hour, effective PP08.

Excess Shelf in Bldg. 101 Storeroom
Due to popular demand---the excess shelf is back in place in our Bldg. 101 Storeroom. We're ready for your unwanted office supplies to share free with someone else. For any questions, please call extension 2948.

Customer Satisfaction Survey
Over the last few years, Plant Division has sent out Surveys to our reimbursable customers to evaluate our performance. We have recently revised our survey and beginning May 1, 1996, will be sending out the new version. This new survey measures the customer's satisfaction and expectations. This new approach will enable us to better measure satisfaction and identify ways to enhance our performance.

"Thank you" to those staff members who continually return our surveys, they are an important customer communication and service improvement tool. We appreciate your response very much.

Association of NIST Asian-Pacific Americans (ANAPA) Sponsors Movie Presentation
In observing the Asian-Pacific American Heritage Month, ANAPA is sponsoring a series of movie presentations once a week starting May 6, that will enrich you with Asian culture. Please also bring your family and friends for the evening shows. For more information, contact Kang Lee on extension 6604.

Monday, May 6, 11:30 a.m. - 12:00 noon and 7:00 to 8:15 p.m. - Green Auditorium, Administration Building
China's Cosmopolitan Age: The Tang (Dynasty) - History is alive!! Professor Chung-wen Shih produced this vividing movie touring historical sites in China explaining the Tang dynasty's culture, art, history, government system, religion, and

philosophy and their influence throughout Asia.

Monday, May 13, 11:30 a.m. to 1:00 p.m. and 7:00 - 8:45 p.m.
Nihon no Kokoro - Heritage (Culture and Tradition): Pride of Japan
Japan: Spirit and Form - The Japaneses Ink Painting

Tuesday, May 21, 11:30 a.m. - 12:30 p.m. and 7:00 - 8:15 p.m.
India: Continuity in Change (from Past to Present) - A Quilt of Many Cultures

Tuesday, May 28, 11:30 a.m. to 1:00 p.m. and 7:00 to 8:45 p.m.
SOPYONJE - A saga of a family of pansori performers (traditional story telling by song); A winner of six Grand Bell Awards and six Critic's Awards in Korea (1993)

Farewell Luncheon For Kim Goode
Kim Goode, Student Employment Coordinator of the Office of Human Resources Management is leaving NIST after 19 years of dedicated service to serve as coordinator of the Goode Family. A reception will be held in her honor on Tuesday, May 21st at the Outback Steakhouse in Germantown. The menu includes choice of sirloin, grilled chicken, or pasta primavera with a garden salad, side order of either baked potato, french fries, or vegetable medley, beverage and ice cream for dessert. There will be a cash bar available. The cost of the luncheon is $16. Anyone who would like to attend or contribute towards a gift should contact Geneva James on ext. 3395 or Kathy DelBalzo on ext. 3021 by May 16, 1996.

NIST General Tour
NIST offers tours on most Thursdays at 9:30 a.m. Advance reservations are required. In addition to a short overview, the tour includes three stops chosen from the following: Advanced Ceramics, Clinical Measurements of Cholesterol, Structures, and the Museum. The tour lasts approximately 1 1/2 hours. To reserve a space on an upcoming tour, please call Jan Hauber on extension 3585.

ADMINISTRATIVE ITEMS - Continuing

NOTICE TO ALL EMPLOYEES
The Advanced Chemical Science Laboratory (ACSL) construction site on the North end of the campus is a RESTRICTED area. Only AUTHORIZED NIST and contractor personnel are permitted in this area which is also a hard hat area. This area is fenced. For your protection, please do not enter the area.

Judy Gilsinn Will No Longer Be Reviewing Computer Orders
In anticipation of full implementation of the new Cohen bill, the Computing and Applied Mathematics Laboratory will no longer be reviewing orders for Federal Information Processing (FIP) resources costing over $10,000, including computer hardware, software, peripherals, maintenance, and services. Please send orders directly to the Acquisition and Assistance Division.

MEP Distance Learning Course
A MEP Distance Learning Course: Geometric Dimensioning and Tolerancing -- The

New Standard, will be held on Friday, May 10, 9:00 a.m. to 1:00 p.m. This course will address new changes to the GD&T Standard that were approved by ASME in 1994. Satellite broadcast will be available at CDT Reston, 1861 Wheile Avenue, Reston, VA. For further information contact Kathy Leedy at (301) 975-3196.

NIST WELLNESS PROGRAM

On Thursday and Friday, May 16 and 17, from 7:30 to 11:00 a.m., the NIST Wellness Program will be held in the Employee's Lounge, Administration Building. Call OHS, Inc. at (703) 360-8900 to schedule an appointment. The following options are available:

Cholesterol Lipid Panel - $30.00
Full Blood Chemistry - $35.00
Full Blood Chemistry w/CBC - $45.00
Prostatic Specific Antigen $36.00
Blood group and Type - $10.00 with options A-D, $15.00 if purchased alone

Beauty Shop

Enter for the monthly drawing - win a FREE shampoo, dry, and curl. Winner is selected the 1st of every month. For Beauty Shop customers only.
Prize winner for the month of May is Rosetta Drew. Drawing is conducted with the help of another customer.
Special for May - SEBA members only - $1 OFF shampoo and blow dry - $1 OFF any shampoo, conditioner, or hair spray product.
Any customer who gets three other people to come in for appointments can win a FREE cut, shampoo, and conditioning treatment.

Barber Shop

Special for May - $1 OFF any American Crew for Men products.

PCX No. 266 _____ May 6, 1996

PC-EXCHANGE: Share your PC problems, questions, etc. so that other staff members can benefit from your experience or offer suggestions to address your PC needs. Mail/phone your contributions (anonymously or with credit) to Gaithersburg PC Assistance. Gaithersburg PC Assistance: Call the PC Assistance Hotline (voice or TDD), 301/975-3099; Admin/A738; e-mail PCASSIST@micf.nist.gov. Access the PC Assistance Web Page at: http://larch.cam.nist.gov/~eater/pcassist.html. Gaithersburg PC Maintenance and Hardware Upgrades: Call the PC Maintenance Hotline, 301/975-4090. Boulder PC Assistance or Maintenance: Call the Boulder PC Support Hotline, 303/497-3931; Room 1-4050; e-mail PCASK@bldrdoc.gov.

266.1 CONVERTING WPWIN 6.1 FILES TO MS WORD 6.X/7.0 - For Microsoft Word for Windows users, the Microsoft Word Supplemental WordPerfect Converter Kit (WPCNV.EXE) is available for downloading from the MICF WHLIST, the ANONYMOUS/PC subdirectory on the ENH, and from the PC Assistance page on the web. This kit provides the ability for Word 6.x/7.0 to open WordPerfect 6.x files, and save as WP 6.x format. The self-extracting file WPCNV.EXE should be downloaded to a temporary directory on your hard disk and executed to extract the conversion files. There is a readme file that provides information about limitations when converting from WP 6.x to Word 6.x/7.0. Features that

do not convert or require some comment are listed. To install the conversion files, under Windows, click on File, Run, and execute the SETUP.EXE program. After installation of the conversion files is complete, you can enter Word 6.x/7.0 and open a WordPerfect 6.x file by clicking on File, Open, check the Confirm Conversions box, and double click on the WP 6.x file to be opened. To save a Word 6.x/7.0 file as WP 6.x format, while in Word, click on File, Save As, change the entry in the Save File as Type window to a WP 6.x selection, enter a filename, and click on OK.

For WordPerfect 6.1 for Windows users who need to save WP files as Word 6.x, install the WP 6.1 update, called POUPDT.EXE--a self-extracting file also available from the MICF WHLIST, the ANONYMOUS/PC subdirectory on the ENH, and from the PC Assistance page on the web. Conversion files for Word are included with the update, along with bug fixes for the WPwin 6.1 program.

266.2 RUNNING DOS-ONLY PROGRAMS UNDER WIN95 - The vast majority of older DOS programs will run under Win95 with no problems. For those programs which truly will not run under Win95, you can usually run them "as if" they were running under DOS by adjusting the program's properties. To do this, right-click on the program in Explorer; select Properties from the menu; select the Program tab; press the Advanced… button; check the box marked MS-DOS mode. Now when you run this program Win95 will shut down temporarily, run the program as if under DOS, and start up again when you exit the program. This approach will even allow you to create custom CONFIG.SYS and AUTOEXEC.BAT files for use by the DOS program where necessary.

266.3 QUICKLY SELECTING A GROUP OF FILES IN EXPLORER - In Windows 95 Explorer an easy way to select a group of files for copying, moving, or deleting is to draw a selection box around the group of files. To do this, you can click at a corner of the group, and then drag to form the box. Position this box over the group of files to be selected and release the mouse button. The files will all be selected and you can then perform any operation such as copying, moving, or deleting.

OFFICE OF INFORMATION SERVICES - News

Library Tours
A 30-minute tour of the NIST Library (Research Information Center) is given on the 2nd Wednesday of every month. A member of the Office of Information Services staff is on hand for as long as necessary afterwards to answer questions, or to arrange for more detailed explanations of specific areas.

No reservation is required. If you have any questions, or want to make suggestions about what should be covered, call Marietta Nelson on extension 3055. Next tour: Wednesday, **May 8, 1996**, at 10:30 a.m.

Unsigned Interlibrary Loan Request
The Interlibrary Loan (ILL) staff has received an ILL request which does not include the requestor's name. If the following title was requested by you, please call Rose Estes on extension 3060. The ILL staff will not process requests for interlibrary loans which do not include the requestor's name.

--   Yakowitz, H.: "ASTM STP 430"

Library Audiovisual Materials Relocated
The audiovisual materials have been moved to the 2nd floor, to Room E209.
Videocassettes, films, audiocassettes, and slides are located in the room. A VCR is
located in the room for viewing of the videocassettes. All audiovisual materials may be
charged out to NIST staff and to the public through the Interlibrary Loan procedures.
See the Reference Desk staff for a key.

MathSciNet Now on NIST Virtual Library
The Office of Information Services (OIS) announces the availability of MathSciNet on
the NIST Virtual Library (NVL): http://ts.nist.gov/nvl. MathSciNet is based on the data
in Mathematical Reviews and Current Mathematical Publications, leading publications
that catalog and review research literature in mathematics, all produced by the
American Mathematical Society. From the NVL home page, click on "Databases" to
access this useful online resource for NIST staff. No passwords or site IDs are
required.

New Engineering Service on NIST Virtual Library
The OIS announces that the "Engineering Village" is now available on the NIST Virtual
Library (NVL) at http://ts.nist.gov/nvl for NIST staff and researchers. The Ei Village is a
service for the student, professional engineer, or technology manager. Ei Village
collects, evaluates, describes, and organizes relevant sites and provides a forum for
discussions of professional interest. To access and log on to the service, from the NVL
home page click on "Databases" and follow the instructions for ID and password.

New Library Service Available
A Table of Contents Alert Service from OCLC for the following titles is now available. If
you are interested in receiving the table of contents of issues, please subscribe to the
appropriate mailing list as described below.

Journal	Mailing List Name
Analytical chemistry	oclanchem
Applied physics letters	oclapphylet
Applied surface science	oclapsursci
IEEE spectrum	ocliespec
Journal of the American Chemical Society	oclacsjl
Journal of materials research	ocljlmatres
Journal of materials science	ocljlmatsci
Journal of the Optical Society of America - Part B:	oclosajlb
Optical physics	ocljlphychm
Journal of physical chemistry	oclneunet
Neural networks	oclpcmag
PC magazine	oclpysrva
Physical review A	oclpysrvb
Physical review B	oclpysrvd
Physical review D	oclpol
Polymer	oclsci
Science	oclzeitb
Zeitschrift fur Physik B	

To subscribe, send an e-mail message to MAILSERV@ENH.NIST.GOV and include the following as the first line in the body of the message: SUBSCRIBE list-name

Training on the NIST Virtual Library
The OIS is offering training on the NIST Virtual Library, which provides online access from you desktop computer to a variety of information resources and services. The next training date is May 14, 9:00-11:30 a.m., in Room A41 in the basement of the Administration Building. Participants should know how to use a mouse. To register, call Diane Cunningham on extension 3053. There is no cost for this training.

Other Training Notices
For information about *Introduction to Information Resources on the Internet*, please see the Computer Training section under Training and Education Opportunities in this issue of the Administrative Calendar.

Institute of Physics Journals Now Online
The OIS announces the availability of 22 Institute of Physics Journals online for NIST users on the NIST Virtual Library (NVL) at http://ts.nist.gov/nvl. From the NVL home page, click on "Electronic Journals" for information on access to:

* European journal of physics 1996- Full-text
* High performance polymers 1996- Full-text
* Inverse problems 1996- Full-text
* Journal of miecormechanics and microengineering 1996- Full-text
* Journal of physics A: Mathematical and general 1996- Full-text
* Journal of physics B: Atomic, molecular and optical physics 1996-Full-text
* Journal of physics: Condensed matter 1996- Full-text
* Journal of physics D: Applied physics 1996- Full-text

* Journal of physics G: Nuclear and particle physics 1996- Full-text
* Measurement science and technology 1996- Full-text
* Modelling and simulation in materials science and engineering 1996-Full-text
* Nanotechnology 1996- Full-text
* Network 1996- Full-text
* Nonlinearity 1996- Full-text
* Physics express letters 1995- Full text in HTML and PDF formats

* Physics in medicine and biology 1996-Full-text
* Plasma physics and controlled fusion 1996- Full-text
* Reports on progress in physics 1996-Full-text
* Semiconductor science and technology 1996- Full-text
* Smart materials and structures 1996-Full-text
* Superconductor science and technology 1996- Full-text
* Waves in random media 1996-Full-text

SEBA - STANDARD EMPLOYEES BENEFIT ASSOCIATION

Amusement Park Tickets
DISCOUNT TICKETS for Adventure World and Hershey Park are available in the SEBA Store for SEBA members.

Leather Vendor
In The Bag leather bag sale is scheduled for May 8, 1996, in the Employee's Lounge, Administration Building. This vendor sells purses, attache cases, suitcases, and more.

SEBA Gift Store
Mother's Day cards are available in the SEBA Store. Stop in for your cards, Russell Stover candy and gift items for your mother, grandmother, or favorite aunt. The SEBA Store also has discount movie tickets, NIST shirts and other log items, postcards, sundry items and much more.

Weather Watcher's Class
The SKYWARN Class is this Wednesday. Please no walk-ins, seating is limited!. There are still a few seats available so make your reservation if you would like to attend. The SKYWARN course will be held from 7 to 10 p.m. on May 8 in Lecture Room A. The purpose of this course is to train weather observers for the National Weather Service's SKYWARN network that tracks severe storms. The class is free and is open to the public. For more details or reservations contact Bob Larrabee (301-977-5413, larrabee@eeel.nist.gov) or Tom Buckley on extension 2560, TJB@ENH.NIST.GOV).

Amateur Radio Club Meeting
The Bureau Radio Amateur Signal Society (BRASS) will hold its monthly meeting this Tuesday, May 7, at noon in the Townhouse behind the reactor. The meeting is open to anyone interested in amateur radio communications. The topics of discussion will include preparations Field Day operations this coming June and the SKYWARN Weather Watcher's class on Wednesday. Hope to see you there. For more information or directions contact Tom Buckley (x2560) or Bob Biss (x3713).

CAFETERIA MENU (Subject to change without notice)

Monday	Tuesday	Wednesday	Thursday	Friday
Special	**Special**	**Special**	**Special**	**Special**
Bf Burg/ Nood	Vintage Chick	Turkey/Dress	Italian Pepper	Whiting Fillet
Gr Bns Amand	St Cabbage	Brussel Sprouts	Steak	Mac & Cheese
Fruit Pie	Bliss Potatoes	Swt Pot/Corn	South Collards	Broccoli Spears
Entrees/Vegs	Roll & Butter	Souffle	Mashed Pots	Fresh Fruit
Burrito Platter	**Entrees/Vegs**	Roll & Butter	Roll & Butter	**Entrees/Vegs**
Fried Trout	Burrito	**Entrees/Vegs**	**Entrees/Vegs**	Burrito
Beef Burgundy	Vintage Chick	Burrito	Taco Salad	Fish Remouoad
Gr Bs Amand	London Broil	Turkey/Dress	Burrito	Escall/Ham &
Broc/Cauliflow	Peas & Carrots	Pork w/Broccoli	Cancun Chick	Potatoes
Noodles	St Cabbage	Brussel Sprouts	Italian Pepper	Whiting Fillet
Rice	Bliss Potatoes	Swt Pot & Corn	Steak	Mac & Cheese
Soup/Intern	Rice	Souffle	South Collards	Broccoli Spears
Chicken Noodle	**Soup/Intern**	Baked Potato	Cauliflower	Squash
Pasta	Cream of Broc	Rice	w/Hollandaise	Rice
	Pasta	**Soup/Intern**	Sauce	**Soup/Intern**
		Old Fashioned	Mashed Pots	Boston Fish
		Bean	Rice	Chowder
		Tex-Mex	**Soup/Intern**	Pasta
			Minestrone	
			Pasta	

TRAINING AND EDUCATION OPPORTUNITIES

To reserve a space in any training course an approved NIST Request For Training Memo must be submitted unless otherwise noted. Receipt of the approved Memo serves as your space registration. All classes will be filled on a first-come-first-reserved basis. Without an approved Memo, we are unable to reserve a space in any class. Please forward the approved Memo as soon as possible when planning your training. If you have any questions, please call x3017. Thank you!

MANAGEMENT UPDATE SERIES

The Management Update Series is a series of monthly briefings for all supervisors and managers focusing on administrative subjects critical to the way we operate. The Request for Training Memo is not required for sessions in the Management Update Series, unless otherwise noted.

NIST EEO PROGRAM
Instructor: Alvin Lewis, Civil Rights Office
Cost: NONE
Date: May 7, 1996
Location: Lecture Room D, Administration Building
Time: 1:30 p.m. - 3:00 p.m.

PAY ADMINISTRATION UNDER THE FAIR LABOR STANDARDS ACT
Instructor: Carol Hubshman, Office of Human Resources Management
Cost: NONE
Date: May 13, 1996
Location: Lecture Room C, Administration Building
Time: 1:30 p.m. - 3:00 p.m.

DIVERSITY IN THE WORKPLACE
Description: This two-day workshop will assist managers and supervisors to develop an understanding of how cross-cultural dynamics impact the workplace. Using a variety of participatory exercises, attendees will gain a broader understanding of the value of diversity and of each of our roles as individuals and as group members in a diverse workforce. Time will be spent on defining and practicing specific skills/competencies needed to build and peacefully co-exist in an inclusive work environment.

Instructor: Bonnie J. Berger & Associates
Cost: Approximately $300 per participant
Dates: June 4-5, 1996
Location: Lecture Room E, Administration Building
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by May 15.

NIST TRAINING PROGRAM
Instructor: Pat O'Connor, Office of Human Resources Management
Cost: NONE
Date: May 20, 1996
Location: Lecture Room B, Administration Building
Time: 1:30 p.m. - 3:00 p.m.

EMPLOYEE ASSISTANCE PROGRAM
Instructor: Jon Lobe, Occupational Health and Safety Division
Cost: NONE
Date: May 28, 1996
Location: Lecture Room D, Administration Building

Time: 1:30 p.m. - 3:00 p.m.

CLASSIFICATION TRAINING FOR SUPERVISORS
Description: The classification and position description system is a component of the NIST Personnel Management Demonstration Project. As a supervisor of employees covered by the demonstration Project, you are delegated authority to classify positions of employees covered under the Demonstration Project. In this session you classify and create a position description. This is a required course for every probationary supervisor. The course must be completed before a supervisor can access the Automated Classification System (ACS).

Instructor: Carol Hubshman, Office of Human Resources Management
Cost: NONE
Date: May 28, 1996
Location: A41, Administration Building
Time: 9:30 a.m. - 11:00 a.m.
Due to the limited number of p.c's every participant must reserve a space. Please call X3017 to register.

CONFLICT RESOLUTION FOR MANAGERS AND SUPERVISORS
Description: This course is open to all supervisors and managers. Participants learn methods for diagnosing sources of conflict and strategies for successfully resolving many different types of conflict. In addition, participants identify their own conflict style and its strenghts and weaknesses. Workshop methods include: tailored cases, structured excercises, Negotiation Style Inventory instrument and film.

Instructor: Liz Berney of Berney Associates
Cost: Approximately $115 per participant
Date: July 9, 1996
Location: Lecture Room D, Administration Building
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by June 18.

GENERAL TRAINING
CASE STUDIES IN UNCERTAINTY ANALYSIS
Description: Presents several examples of uncertainty analysis calculations. The material includes discussion of some very straightforward examples, a spreadsheet calculation method that avoids the need to deal with partial derivatives in simple cases, and some examples where the usual propagation of uncertainty formulas can not be used directly.

Instructor: Keith Eberhardt, Statisical Engineering Division
Cost: $50 per participant
Times: 9:00 a.m. - 12 noon
Dates: May 28, 1996 and June 3, 1996 (Tuesday and Monday)

Location: Lecture Room E, Administration Building (Basement)

PLEASE NOTE: Request for Training Memo must be submitted by May 21, 1996. Please no phone in registrations! For technical questions please call Keith on X2853.

Additional Workshops in this series are as follows:
September 13, 20 & 27, Regression Models
October 11, 18 & 25, Analysis of Variance
November 8, 15 & 22, Design of Experiments

PRE-RETIREMENT SEMINAR
Description: In this 1-day seminar you will learn the Civil Service/FERS Retirement Benefits and Social Security Benefits/Medicare. This seminar is for those employees who are thinking of retiring in the next 5 years. Joanne McGehrin is a great instructor!

Instructor: Joanne McGehrin
Cost: Approximately $100 per participant
Date: June 20, 1996
Location: Lecture Room D, Administration Building
Time: 8:30 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by June 5.
NOTE: Spouses are welcome!

COTR LEVEL I
Description: This course is required for certification as a contracting officers technical representative. If you have any questions regarding your need for this certification, please contact your administrative officer within your Division.

Instructor: Management Concepts, Inc.
Cost: Approximately $175 per participant
Dates: June 17 & 18, 1996
Location: **New Location: Shops Conference Room (Bldg. 304-126)**
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo needs to be submitted by May 28. **For technical questions please call Barbara Camp x6338.**

COMPUTER TRAINING
All NIST Request for Training Memo's must be received by the Training Office at least two weeks prior to the start date of the course unless otherwise noted. At this time, the Training Office will either obligate to the instructor or cancel the class. Receipt of the approved Memo serves as your space registration. All classes will be filled on a first-come-first-reserved basis. Any questions please call Pat on x3017.

Introduction to Windows is a prerequisite for all Windows applications!
All classes will be held in A41, Basement 101.

All 1-Day Classes will be $125
ALL 1/2 Day Classes will be $60
All 2-Day Classes will be $225, unless otherwise stated.

EUDORA TRAINING
Description: This short (2 1/2 hour) class will teach participants how to send and receive electronic mail using PC-Eudora for Windows, how to create and manage mailboxes, nicknames and distribution lists, how to write rules to automatically direct incoming and outgoing mail to specific mailboxes, and how to send and receive files as attachments.

Some prior experience using MS-Windows is required.

Instructor: Chuck Eater of the Information Systems Division
Date & Time: June 11, 1996, 1:00 p.m. - 3:30 p.m.
Cost: NONE
DN-11's are not required but send an E-Mail message to Patricia.oconnor@nist.gov to register for a space.

TIME AND ATTENDANCE TRAINING FOR NEW TIMEKEEPERS
Description: This workshop is for **New Timekeepers**. The PC instruction covers the various T&A screens and the necessary steps for completing a T&A file.

Instructor: Office of Human Resources Management
Cost: NONE
Date: May 23, 1996
Location: A41, Administration Building
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: This workshop is limited to ten people! Please call the Training Office on x3017 to register, no paperwork is necessary. Please register by May 17.

TIPS AND TRICKS WITH WORDPERFECT 6.1 FOR WINDOWS (NEW SHORT TOPIC CLASS)
Description: This course is full of tips and tricks to improve your WordPerfect 6.1 for Windows skills. Learn shortcuts and new ideas guaranteed to improve your word processing efficiency. This course is designed for users comfortable with basic tasks in WordPerfect 6.1 for Windows.

Instructor: Lyndie Billey and Associates
Date: May 15, 1996
Time: 9:00 a.m. - 12:00 noon
Cost: Approx. $60 per participant
PLEASE NOTE: Request for Training Memo must be submitted by May 1.

CREATING TABLES WITH WORDPERFECT 6.1 FOR WINDOWS
Description: Learn the strengths of WordPerfect tables. We will create, navigate, enhance, and modify a table; add borders and shading; use math functions to write formulas and calculate. Many of your routine tasks can be simplified with tables. This course is designed for those comfortable with daily use of WordPerfect 6.1 for Windows.

Instructor: Lyndie Billey and Associates
Date: May 15, 1996
Time: 1:00 p.m. - 4:00 p.m.
Cost: Approx. $60 per participant
PLEASE NOTE: Request for Training Memo must be submitted by May 1.

MERGING WITH WORDPERFECT 6.1 FOR WINDOWS
Description: Come and explore the powers of WordPerfect merging. Create forms files and data files to automate your mass mailings. Learn to Customize labels and envelopes. This is a fast-paced course designed for those comfortable with daily use of WordPerfect 6.1 for Windows.

Instructor: Lyndie Billey and Associates
Date: May 22, 1996
Time: 9:00 a.m. - 12:00 noon
Cost: Approx. $60 per participant
PLEASE NOTE: Request for Training Memo must be submitted by May 8.

TEMPLATES IN WORDPERFECT 6.1 FOR WINDOWS
Description: Every document you create in WordPerfect is based on a template. Learn to use and create custom templates to automate your office output, such as memos, fax covers, business cards and invoices. This course is designed for experienced users of WordPerfect 6.1 for Windows who want to go one step further with their office automation.

Instructor: Lyndie Billey and Associates
Date: May 22, 1996
Time: 1:00 p.m. - 4:00 p.m.
Cost: Approx. $60 per participant
PLEASE NOTE: Request for Training Memo must be submitted by May 8.

INTRODUCTION TO WINDOWS
Description: This one-day class will teach those new to the Windows environment the benefits of using Windows.

Instructor: Business Support Training, Inc.
Date: May 21, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by May 7.

INTRODUCTION TO WINDOWS
Description: This one-day class will teach those new to the Windows environment the benefits of using Windows.

Instructor: Impact Services, Inc.
Date: June 3, 1996

Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted May 20.

INTRODUCTION TO WINDOWS
Description: This one-day class will teach those new to the Windows environment the benefits of using Windows.

Instructor: Executrain
Date: June 10, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by May 24.

INTRODUCTION TO WINDOWS
Description: This one-day class will teach those new to the Windows environment the benefits of using Windows.

Instructor: Lyndie Billey and Associates
Date: June 12, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted May 28.

INTERMEDIATE WINDOWS
Description: This class is designed for students who want to start an application from Windows without using an icon, use shortcut keys, add programs to windows, use Character map, record and run macros, and use the Clipboard. In addition, students will learn to use File Manager to change file attributes, search for files, create Program Manager icons, and use Drag and Drop to open and print files.

Instructor: ExecuTrain
Date: June 20, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by June 5.

INTERMEDIATE WINDOWS
Description: This class is designed for students who want to start an application from Windows without using an icon, use shortcut keys, add programs to windows, use Character map, record and run macros, and use the Clipboard. In addition, students will learn to use File Manager to change file attributes, search for files, create Program Manager icons, and use Drag and Drop to open and print files.

Instructor: Business Support Training, Inc.
Date: June 6, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted May 13.

ADVANCED MICROSOFT WINDOWS
Description: This class is designed for students who want to learn the advanced features of Microsoft Windows 3.1. These features include using the MS-

DOS prompt to access DOS from Windows, setting multitasking priorities, copying and pasting with non-windows applications, and creating and changing a swap file. In addition, students will learn to use PIF Editor, link and embed objects, use Object Packager, and customize Windows by editing system files.

Instructor: ExecuTrain
Date: May 29, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by May 14.

INTRODUCTION TO LOTUS FOR WINDOWS
Description: This workshop is for participants that are upgrading to Lotus for Windows.

Instructor: Impact Services, Inc.
Date: May 30, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Requests for Training Memo must be submitted by May 16.

INTRODUCTION TO LOTUS FOR WINDOWS
Description: This workshop is for participants that are upgrading to Lotus for Windows.

Instructor: Lyndie Billey and Associates
Date: June 5, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Requests for Training Memo must be submitted by May 16.

UPGRADING FROM WP5.1 TO WP FOR WINDOWS 6.1
Description: Your productivity will increase significantly with 6.1 by taking advantage of the Powerbars, Toolbars, Templates, and Coaches. First you'll learn how to use all the icons that appear each time you load the program, then you'll learn about some of the most remarkable, easy-to use features available in any wordprocessor on the market. And of course we'll cover your basic features Bullets, tabs, alignment, formatting, and tables as they are easier than ever. You'll also learn some of WP 6.1's Quick features that will allow you to get your work done more quickly.

Instructor: Business Support Training, Inc.
Date: May 17, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by May 3.

UPGRADING FROM WP5.1 TO WP FOR WINDOWS 6.1 (2-Day Class)
Description: Your productivity will increase significantly with 6.1 by taking advantage of the Powerbars, Toolbars, Templates, and Coaches. First you'll learn how to use all the icons that appear each time you load the program, then you'll learn about some of the most remarkable, easy-to use features available in any wordprocessor on the market. And of

course we'll cover your basic features Bullets, tabs, alignment, formatting, and tables as they are easier than ever. You'll also learn some of WP 6.1's Quick features that will allow you to get your work done more quickly. Plus many more tips and tricks!

Instructor: Impact Services, Inc.
Dates: June 18 & 19, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by June 3.

UPGRADING FROM WP5.1 TO WP FOR WINDOWS 6.1
Description: Your productivity will increase significantly with 6.1 by taking advantage of the Powerbars, Toolbars, Templates, and Coaches. First you'll learn how to use all the icons that appear each time you load the program, then you'll learn about some of the most remarkable, easy-to use features available in any wordprocessor on the market. And of course we'll cover your basic features Bullets, tabs, alignment, formatting, and tables as they are easier than ever. You'll also learn some of WP 6.1's Quick features that will allow you to get your work done more quickly.

Instructor: Lyndie Billey and Associates
Date: June 4, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by May 21.

DBASE 5.0 FOR WINDOWS (This class not offered often)
Description: In this workshop you will learn the fundamentals of relational database design and how to implement your design in the dBase for Windows environment. You will examine objects and their properties. Hands-on excerises include: creating and modifying tables, adding, deleting and displaying data; querying database; and generating simple reports, and much more.

Instructor: Business Support Training, Inc.
Dates: June 26 and 27, 1996
Time: 9:00 a.m. - 4:00 p.m.
PLEASE NOTE: Request for Training Memo must be submitted by June 11.

INTRODUCTION TO INFORMATION RESOURCES ON THE INTERNET
The Office of Information Services will present a seminar for beginners who want to access the files, databases, home pages, discussion groups, and other information on the Internet. Topics covered will include electronic mail, remote login (Telnet), file retrieval (File Transfer Protocol), Gopher, and World Wide Web. The seminar will consist of a one-hour overview session and a three-hour hands-on session. A Request for Training Memo is not required.

Overview Instructor: Marietta Nelson, Office of Information Services
Date: May 8, 1996
Time 1:30 p.m. - 2:30 p.m.
Location: Lec. Room C, Administration Building
Cost: None

Hands-on Instructor: Jeff Harrison, Office of Information Services
Date: May 9, 1996
Time: 9:00 a.m. - 12:00 noon
Location: A41, Administration Building
Cost: None
To register for this training, please call Jeff Harrison, x3054.

Div	Title	Series	Salary Range & Payband	Promotion Potential	Vacancy Number	Closing Date
NIST VACANCIES FOR GAITHERSBURG, MD						
MAY 03,1996						
Vacancy Announcements will not be available until the above date.						
OPEN TO CURRENT NIST STATUS DIVISION 353 & CTAP EMPLOYEES						
353	Office Automation Clerk (AMENDED)	ZS - 0326	$18,229 - $27,297 Payband II	NONE	NIST-0590/MC	05/10/96
OPEN TO ALL QUALIFIED APPLICANTS & CTAP & ICTAP						

201	Industrial Specialist (4 positions)	ZA - 1150	$37,094 - $81,217 Payband III - IV	IV	NIST-0691/RF	05/17/96
320	Secretary (OA)	ZS - 0318	$20,989 - $32,613 Payband III	NONE	NIST-0614/MC	05/17/96

OPEN TO CURRENT NIST STATUS EMPLOYEES & CTAP

353	Automotive Mechanic Leader	WL - 5823	$16.51hr. - $19.26hr. Payband WL-10	NONE	NIST-0702/BL	05/10/96
887	Secretary (OA)	ZS - 0318	$20,989 - $32,613 Payband III	NONE	NIST-0720/MC	05/10/96

OPEN TO DOC STATUS APPLICANTS & CTAP

108	Personnel Actions Clerk/Assistant (OA)	ZS - 0203	$18,229 - $32,613 Payband II/III	IV	NIST-0657/KY	05/10/96

NTIS VACANCIES FOR SPRINGFIELD, VA

OPEN TO ALL QUALIFIED APPLICANTS, CTAP & ICTAP

NTIS	Printing Speciallist (2 Positions)	GS - 1654	$37,094 - $48,222 GS-11	NONE	NTIS-146/JS	05/24/96
NTIS	Computer Specialist- Networks	GS - 0334	$37,094 - $57,800 GS-11/12	GS-12	NTIS-411/JC	05/10/96

WE ARE ACCEPTING OUTSTANDING SCHOLAR APPLICATIONS FOR THE FOLLOWING POSITIONS:

NTIS	Budget Analyst (GPA>3.5)	GS - 0560	$20,233 - $25,061 GS-5/7	GS-12	NTIS-213/JC	05/17/96
NTIS	Business & Industry Specialist (GPA>3.5)	GS - 1101	$20,233 - $25,061 GS-5-7	GS-12	NTIS-213/JC	05/17/96
NTIS	Computer Specialist (GPA>3.5)	GS - 0334	$20,233 - $25,061 GS-5/7	GS-12	NTIS-213/JC	05/17/96
NTIS	Program Analyst (GPA>3.5)	GS - 0343	$20,233 - $25,061 GS-5/7	GS-12	NTIS-213/JC	05/17/96

APPLICANT SUPPLY FILE INFORMATION

NIST maintains an Applicant Supply File for all our Critical Shortage Occupations. Both government and non-government applicants (including NIST and DOC employees) may submit a job application to be placed in the NIST Applicant Supply File at any time. Applicants eligible for CTAP and ICTAP will receive priority consideration for any vacancy. Applications will be retained in the NIST Applicant Supply File for 90 days and you will be considered for specific vacancies as they occur. A separate application is required for each occupation. If you wish to extend your period of consideration beyond 90 days, you must submit a new application package. Following is a list of the NIST Critical Shortage Occupations:
Paybands I thru V All Engineers, Computer Scientist, Metallurgist, and Mathematical Statistician positions.
Paybands III thru V for Physical Scientist, Computer Specialist, Biologist, Social Science, Research Psychology, Economist, Chemist, Mathematician, Physicist. Paybands I & II for Accounting positions. Payband III for

Nuclear Engineering Technician positions. Paybands I thru IV for Clerical Support(OA), Office Automation Assistant(OA) and Secretary(OA) positions. Payband II for Police Officers.

TELECOMMUNICATIONS DEVICE FOR THE DEAF: Contact Maryland Relay Service at 1-800-735-2258. **Vacancy Announcements can be picked up OUTSIDE the Personnel Office Bldg: 101 from 6:30 a.m. - 6:30 p.m.**

NIST PERSONNEL INFORMATION HOTLINE: DIAL **(301) 926-4851.** This is an outside call. Boulder vacancies are listed in the Boulder Lab Weekly Bulletin.